



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Friday July 23, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Heavy rain/flash flooding possible over the western half of NM today and continues through early next week.**
- **A few strong storms possible over NW NM today; damaging winds and hail are the main threats.**
- **Heat advisories are in effect for SE LA today.**
- **A trough of low pressure is located just offshore of the SE U.S. Coast. Environmental conditions are marginally conducive for some additional development during the next couple of days while the system drifts offshore.**
 - **No impacts to FEMA Region 6.**

FEMA Region 6 Threat Matrix

Jul 23, 2021 - Jul 27, 2021



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms	NW NM				
Heavy Rain / Flash Flooding	W NM	SW NM	W NM	NM	
	NM				
Fire Weather					
Tropical Winds / Surge					
Heat	SE LA				
River Flooding	ETX, S LA	ETX, S LA	ETX, SE LA	ETX, SE LA	SE LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



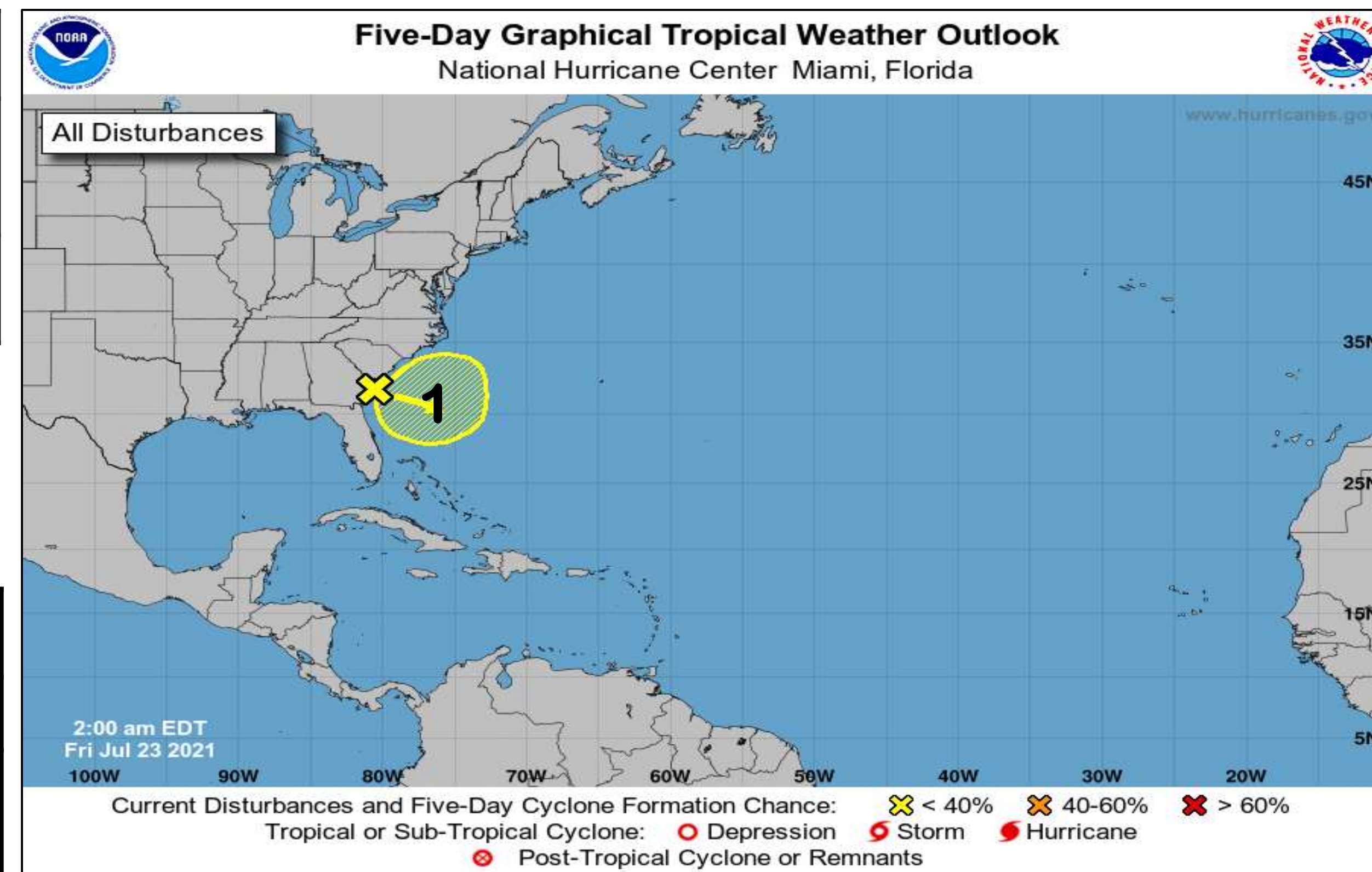
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



5-Day Precipitation Forecast & River Flood Status



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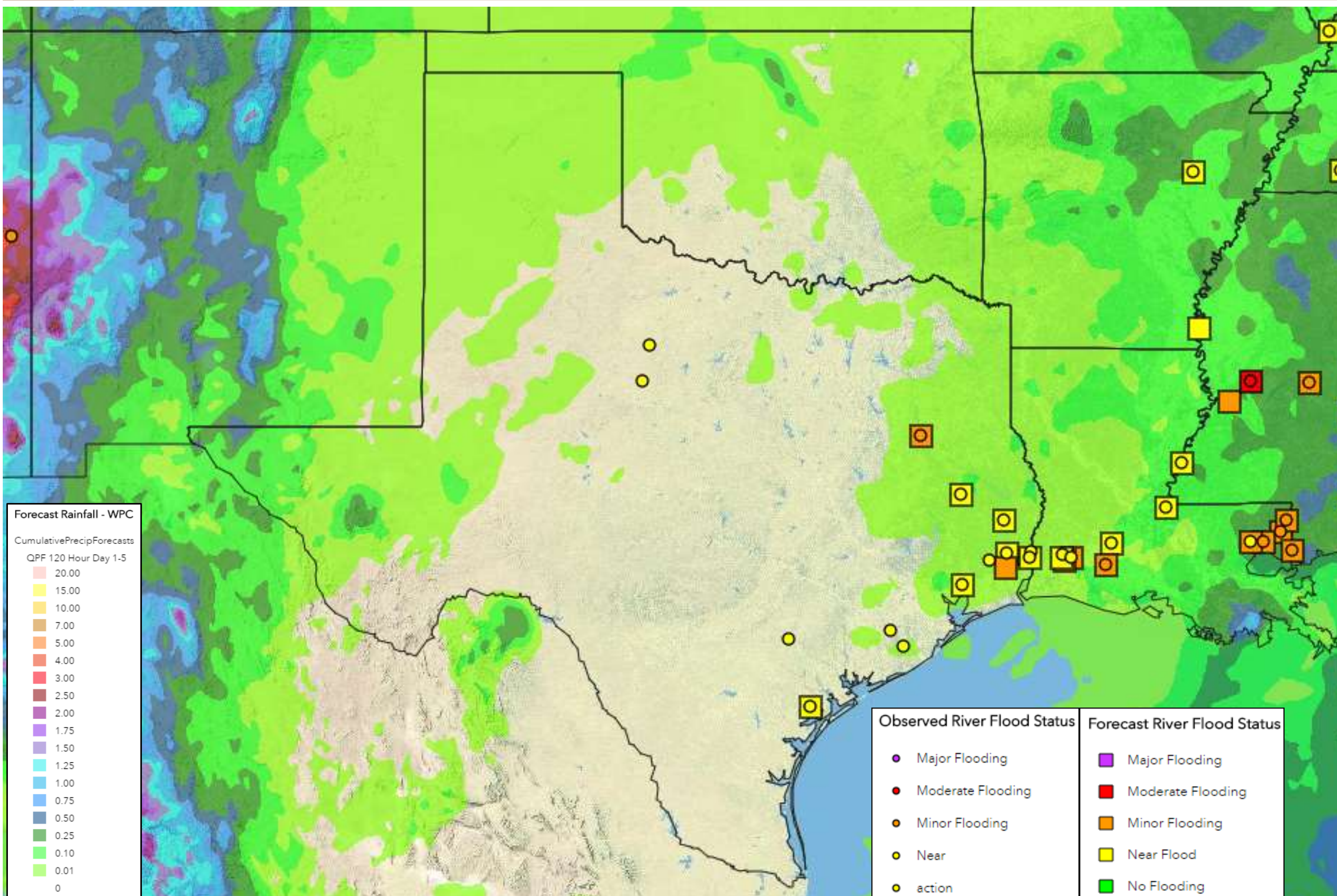
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

The Neches River near Neches in E TX will be in minor flood through early next week; minor lowland & boat ramp flooding expected.

Minor flooding is occurring throughout S LA with impacts to marshland, recreational areas & secondary roads.

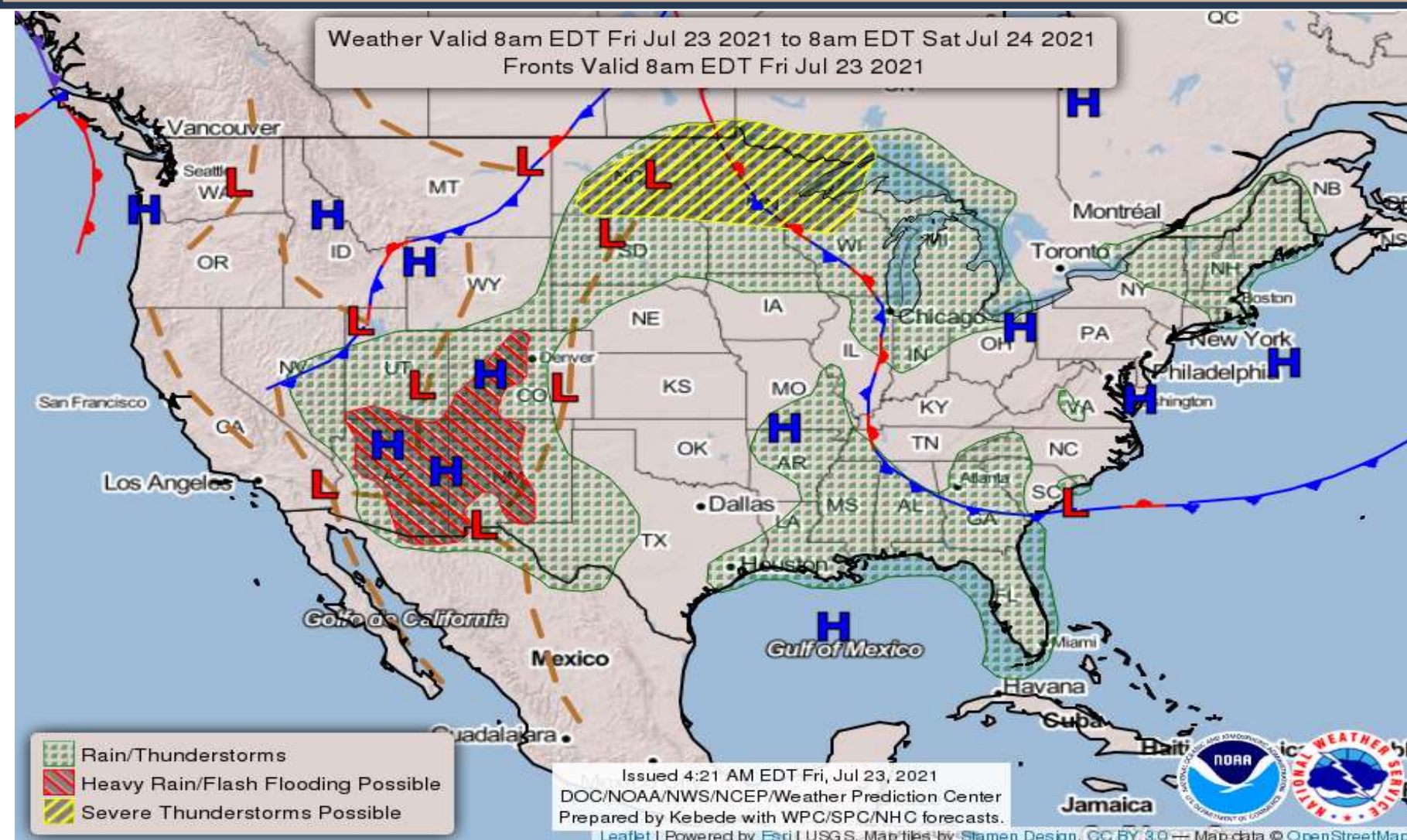
The Pearl River in SE LA will likely remain in minor flood through next week.

Additional river flooding is not expected due to rainfall the next 5 days.

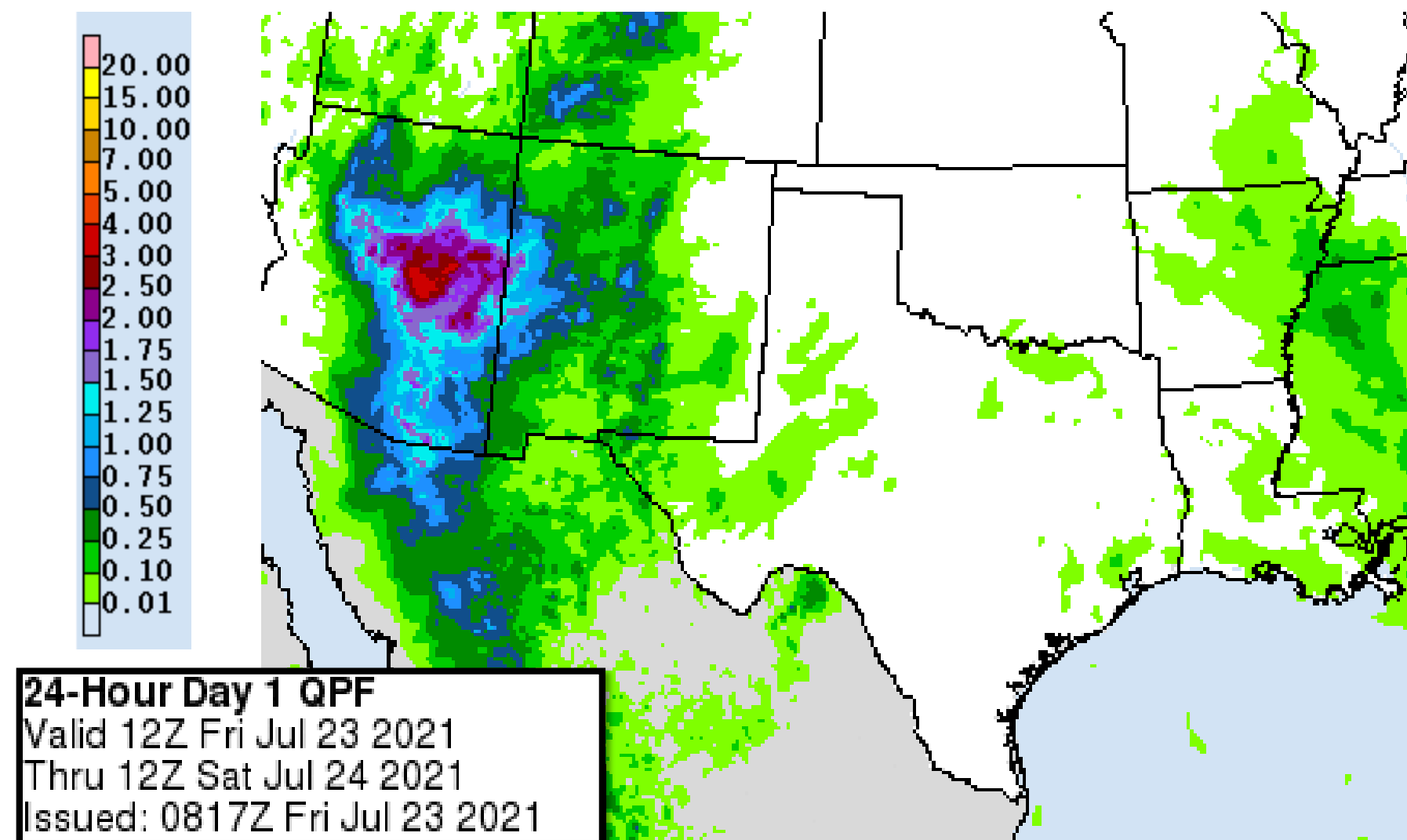


Today's Weather

Forecast Chart



Forecast Rainfall



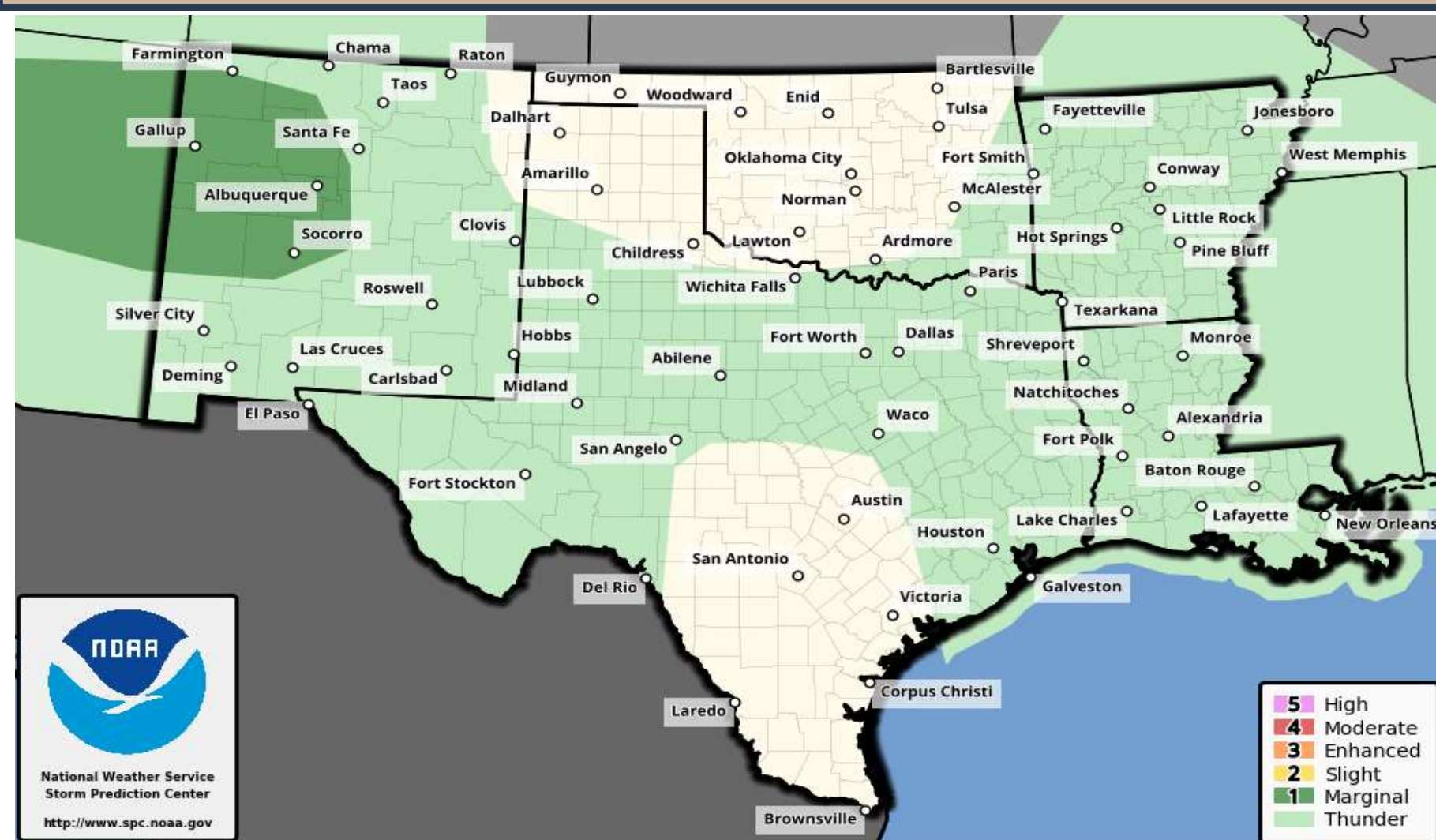
Heavy rain/flash flooding likely over W NM.

Isolated heavy rain/flash flooding possible over much of NM.

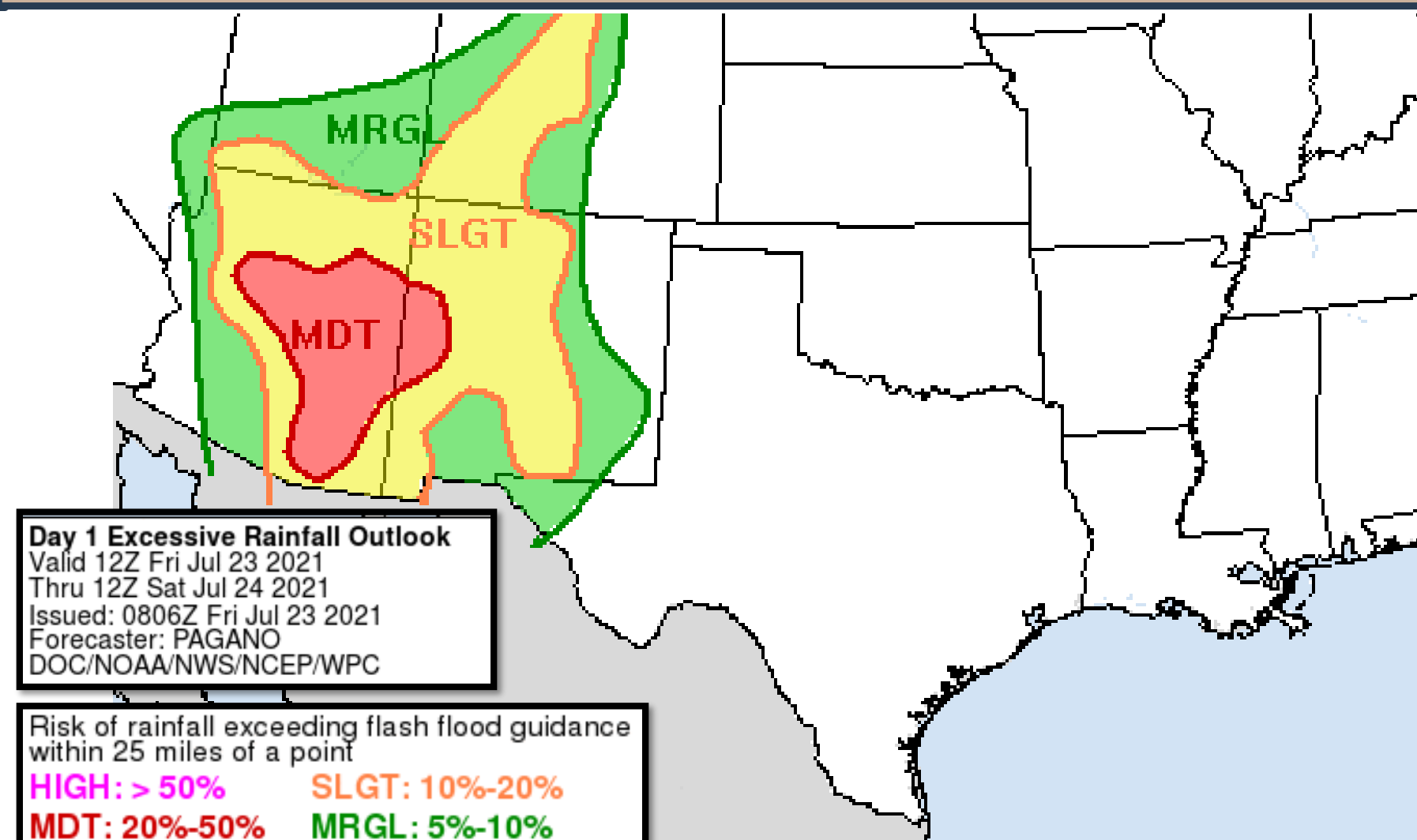
A few strong storms possible over NW NM today; damaging winds and hail are the main threats.

Heat advisories are in effect over SE LA today.

Severe Weather Outlook



Excessive Rainfall Outlook

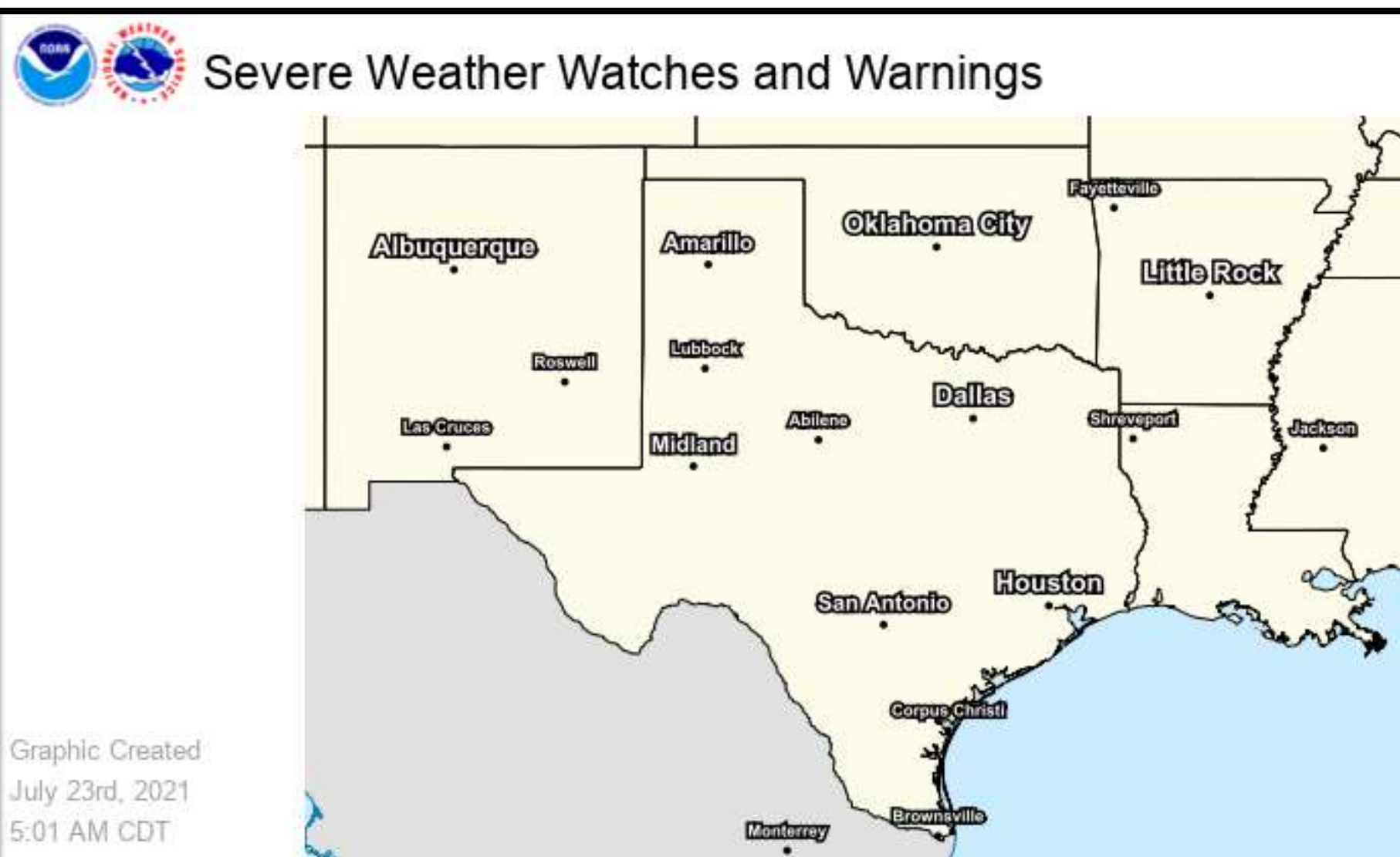


Watches, Warnings, and Advisories

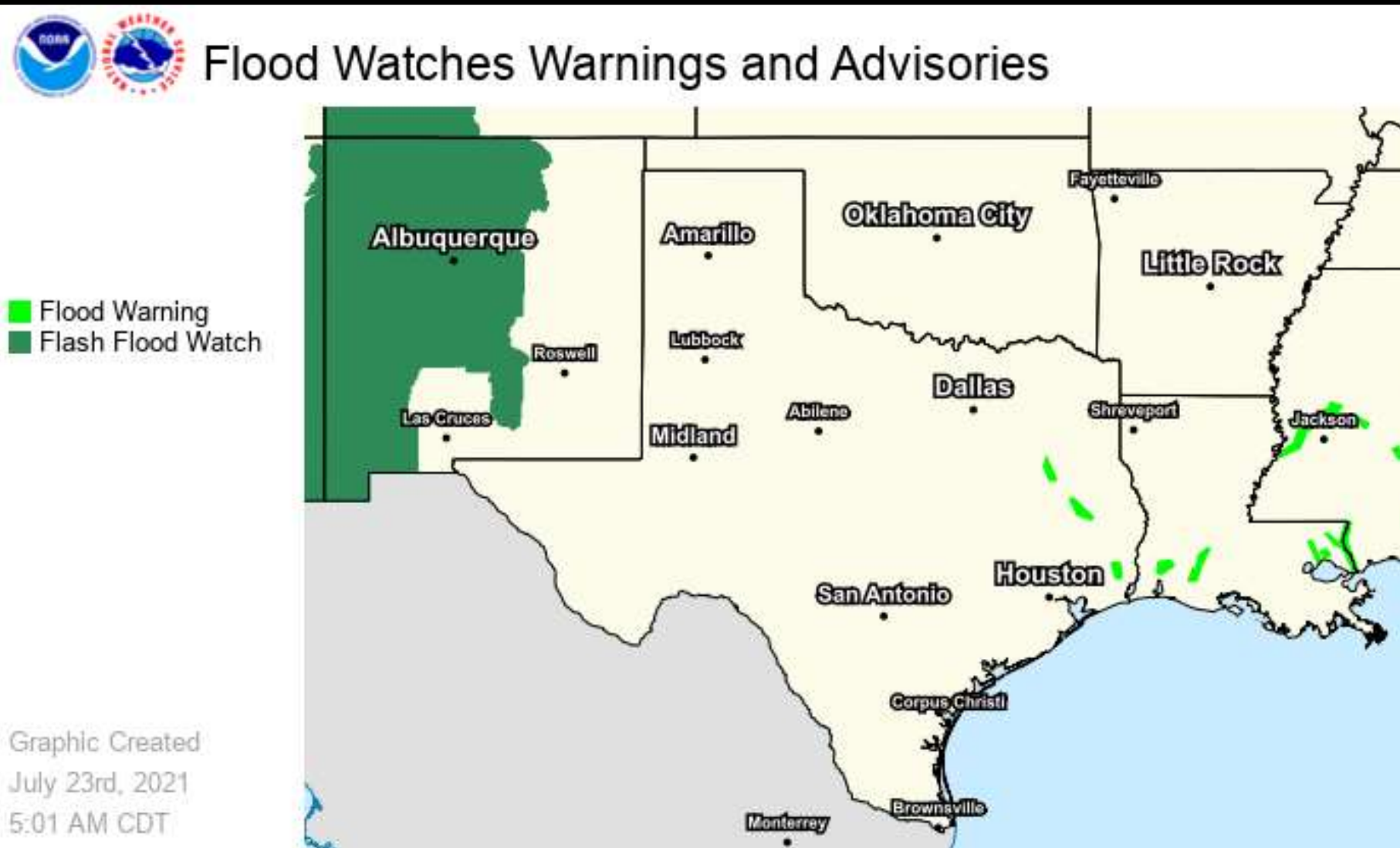
Wind, Severe, Winter, and Flood Hazards



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Flash Flood Watches remain in effect across NM.

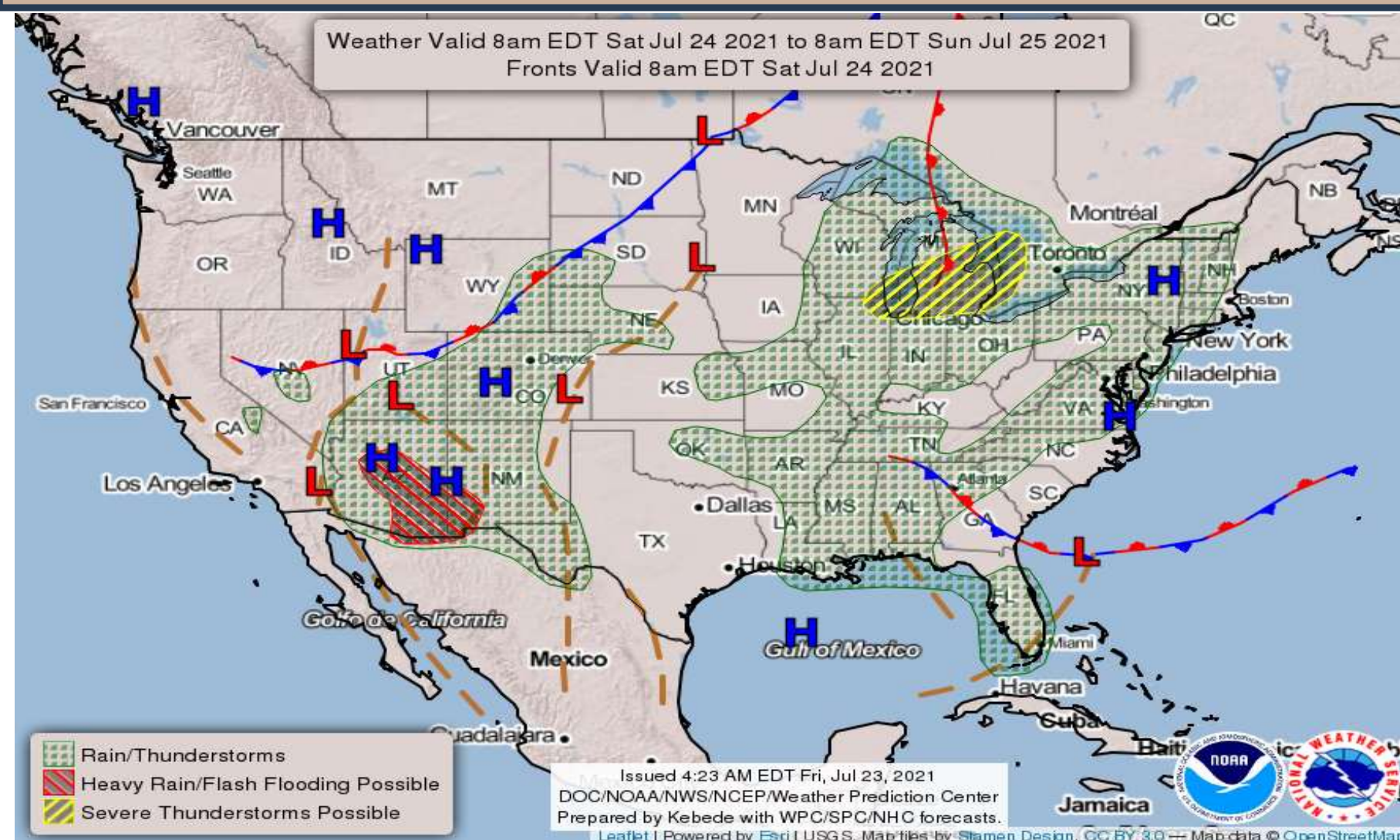


Tomorrow's Weather

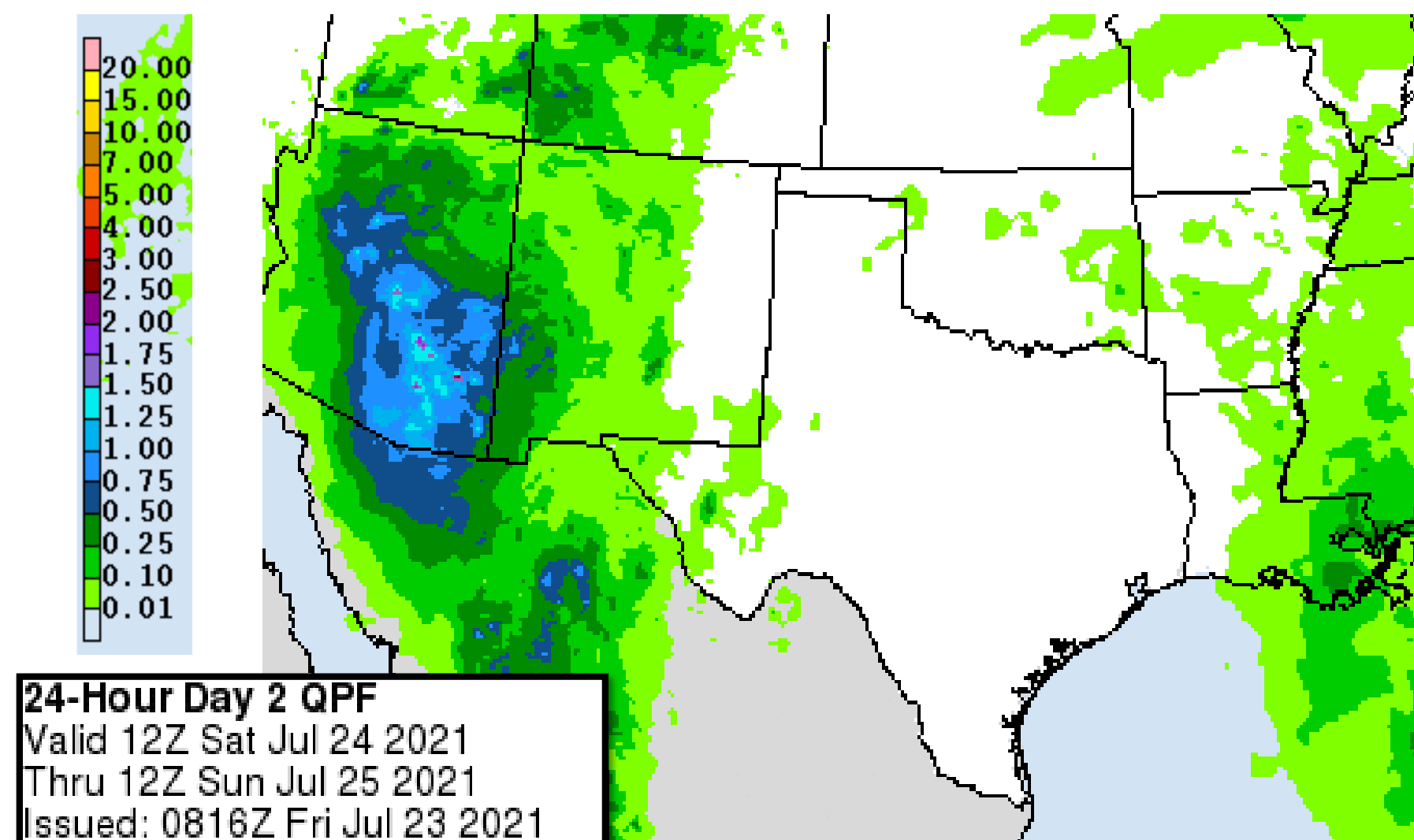


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Forecast Chart

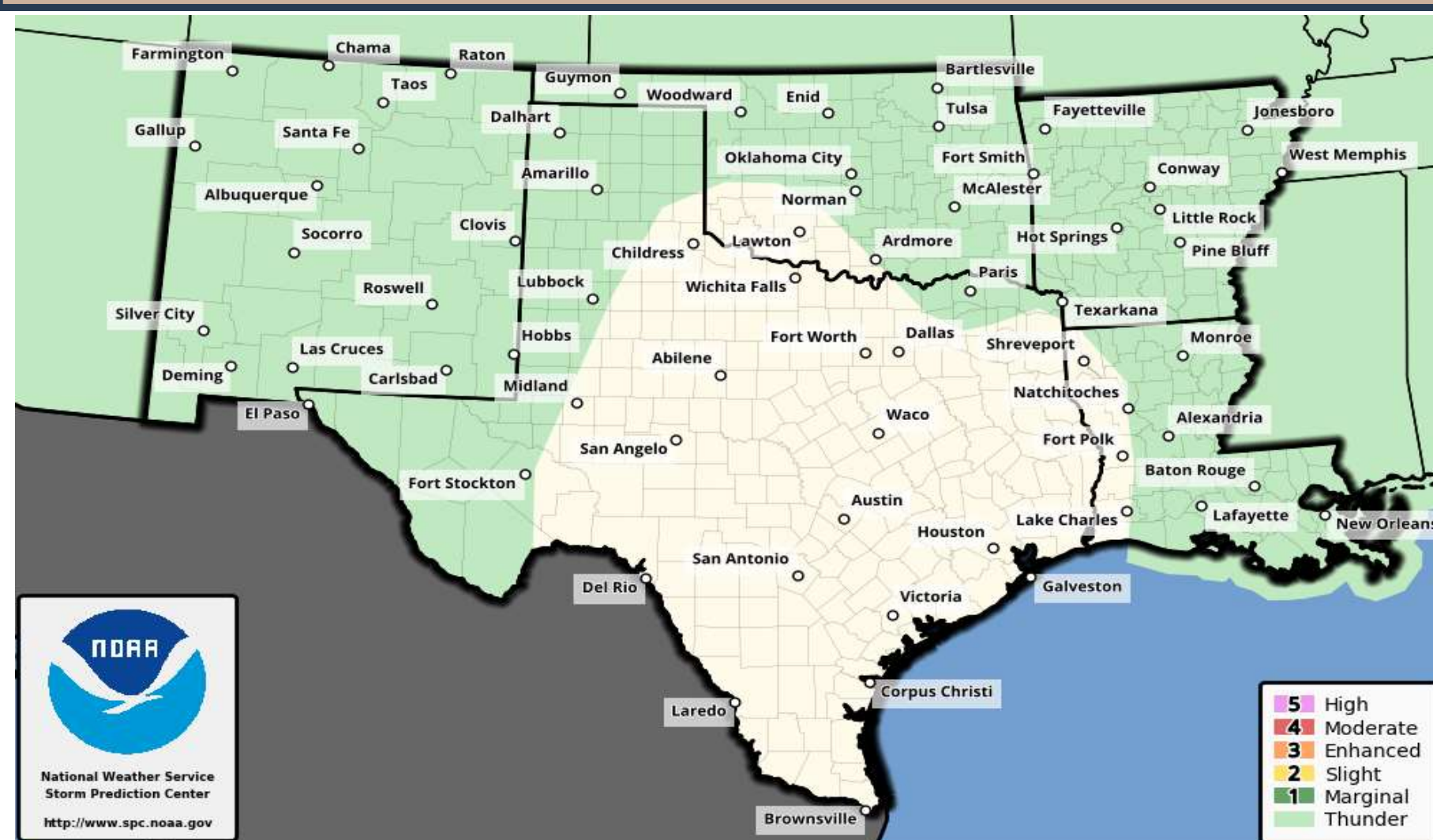


Forecast Rainfall

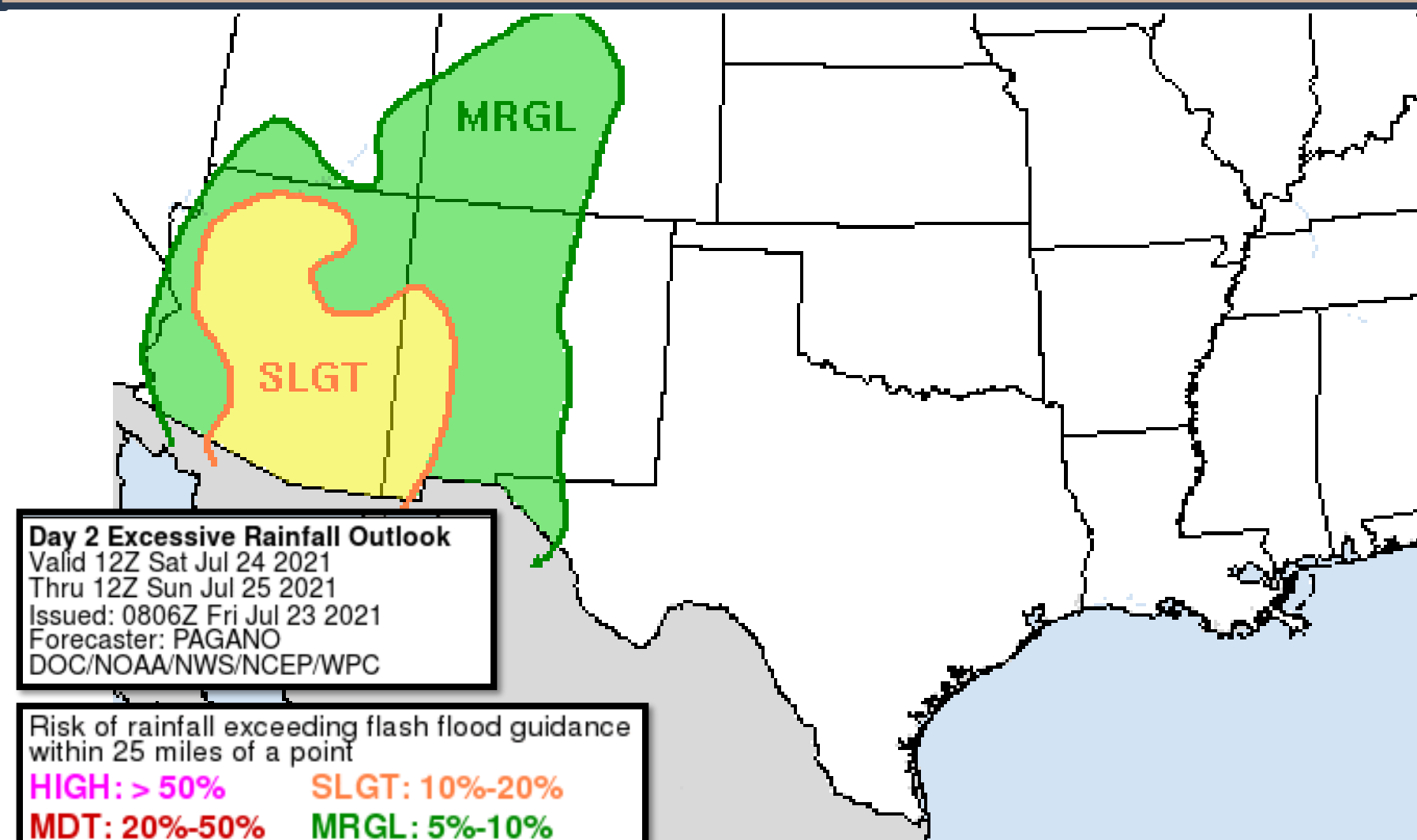


**Heavy rainfall/flash flooding
possible over SW NM.**

Severe Weather Outlook

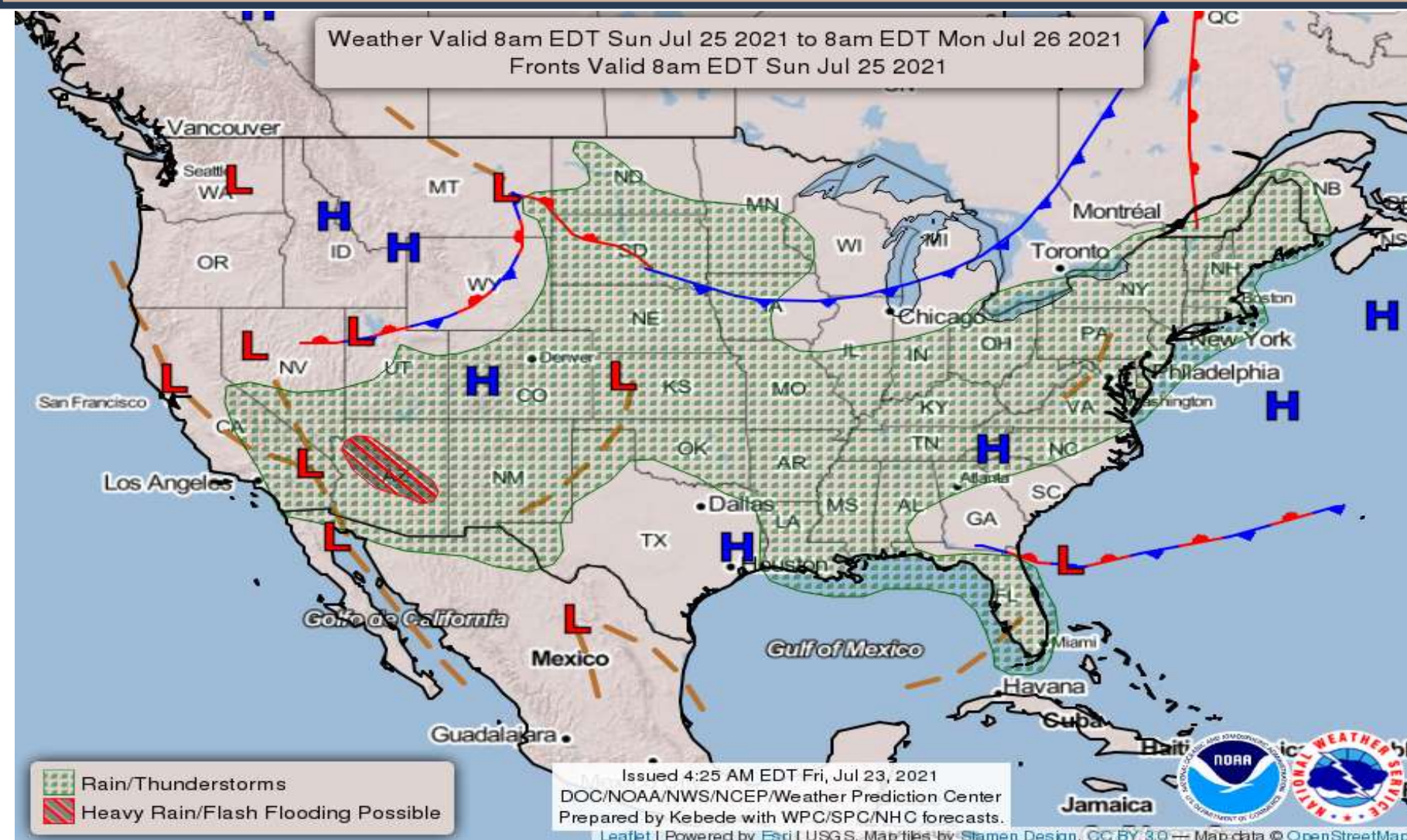


Excessive Rainfall Outlook

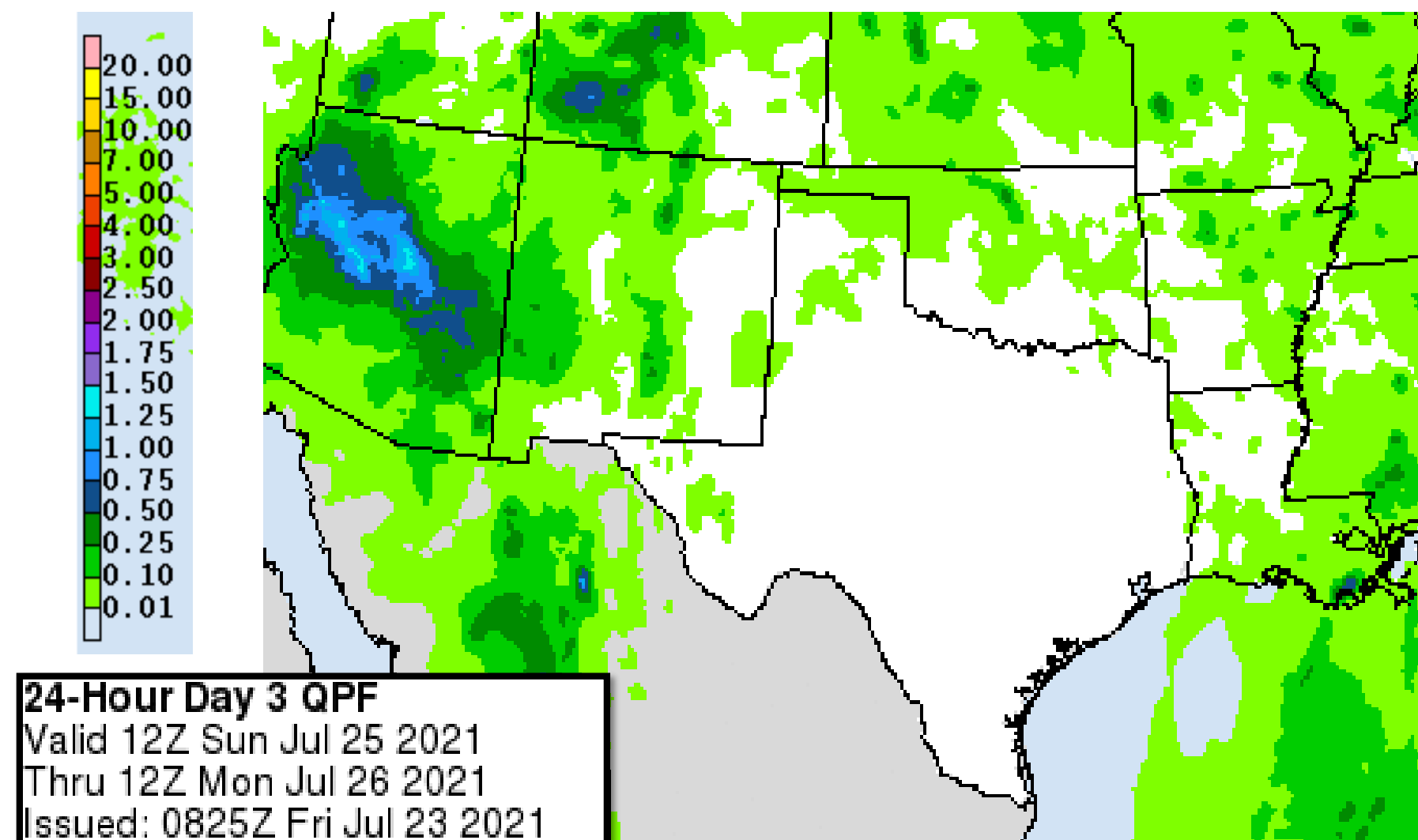


Sunday's Weather

Forecast Chart

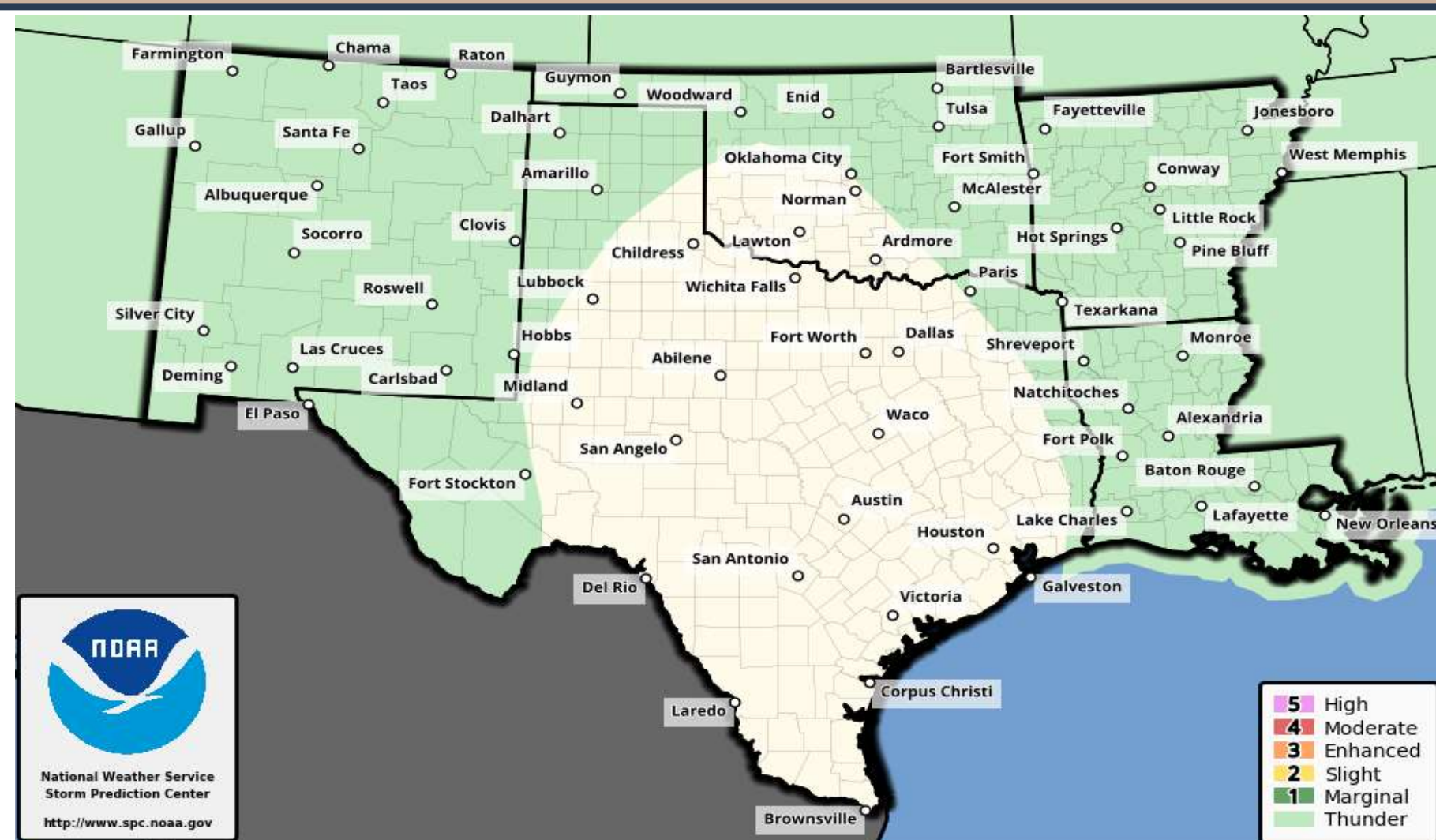


Forecast Rainfall

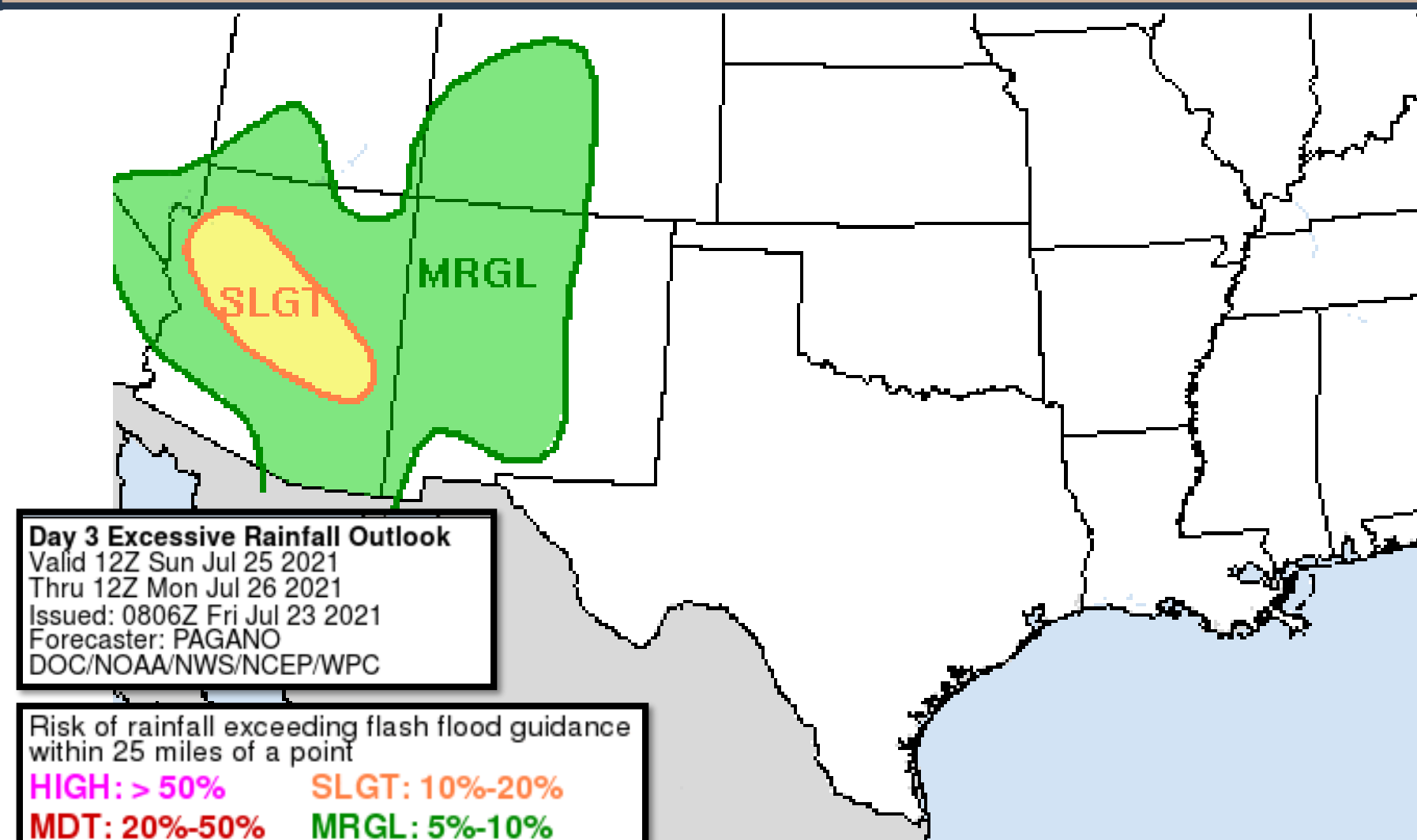


Isolated heavy rainfall and flash flooding possible across W NM.

Severe Weather Outlook



Excessive Rainfall Outlook



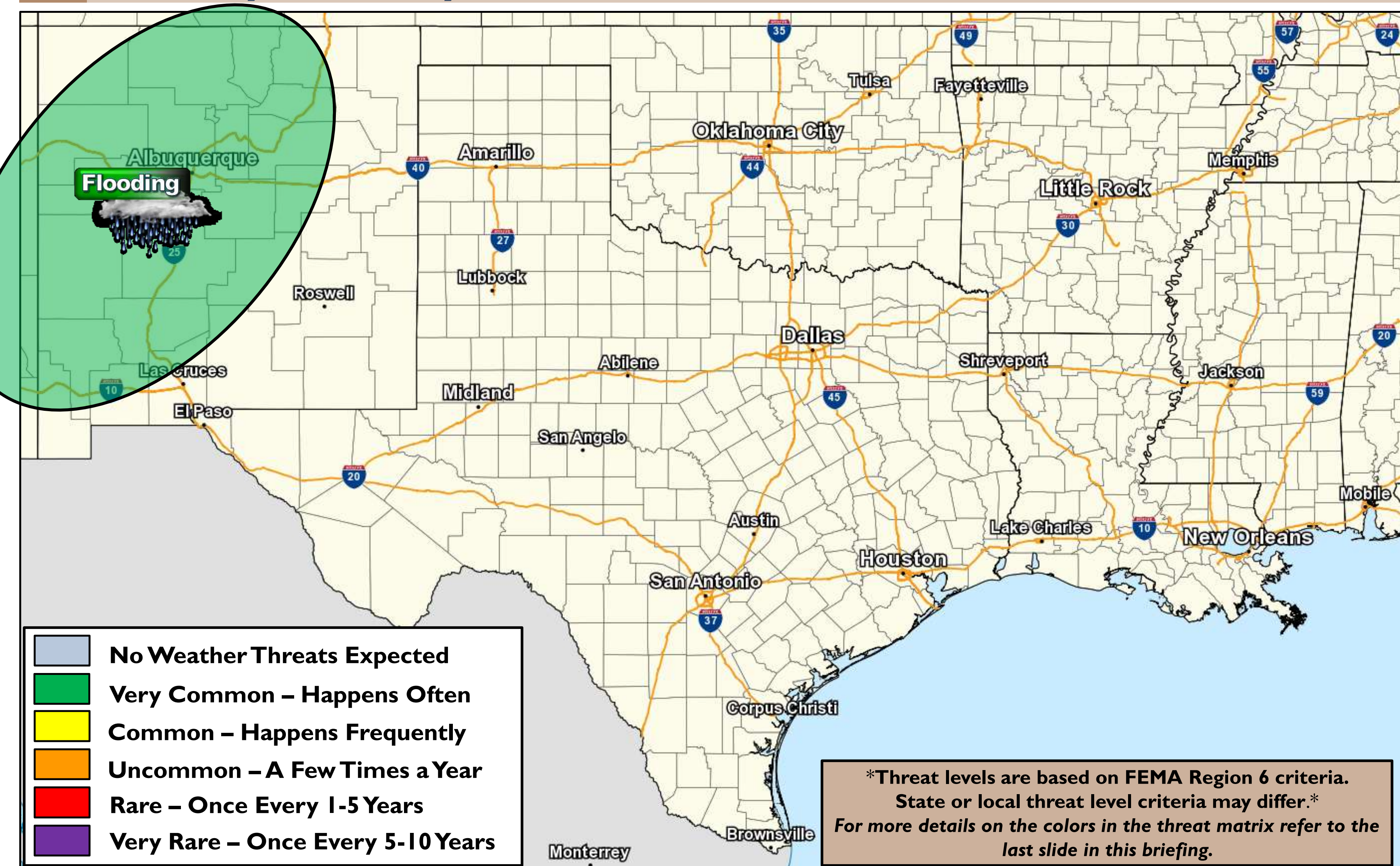
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Days 4-5 Weather Hazards

Monday - Tuesday



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Isolated heavy rain/flash flooding may continue on Monday over NM.

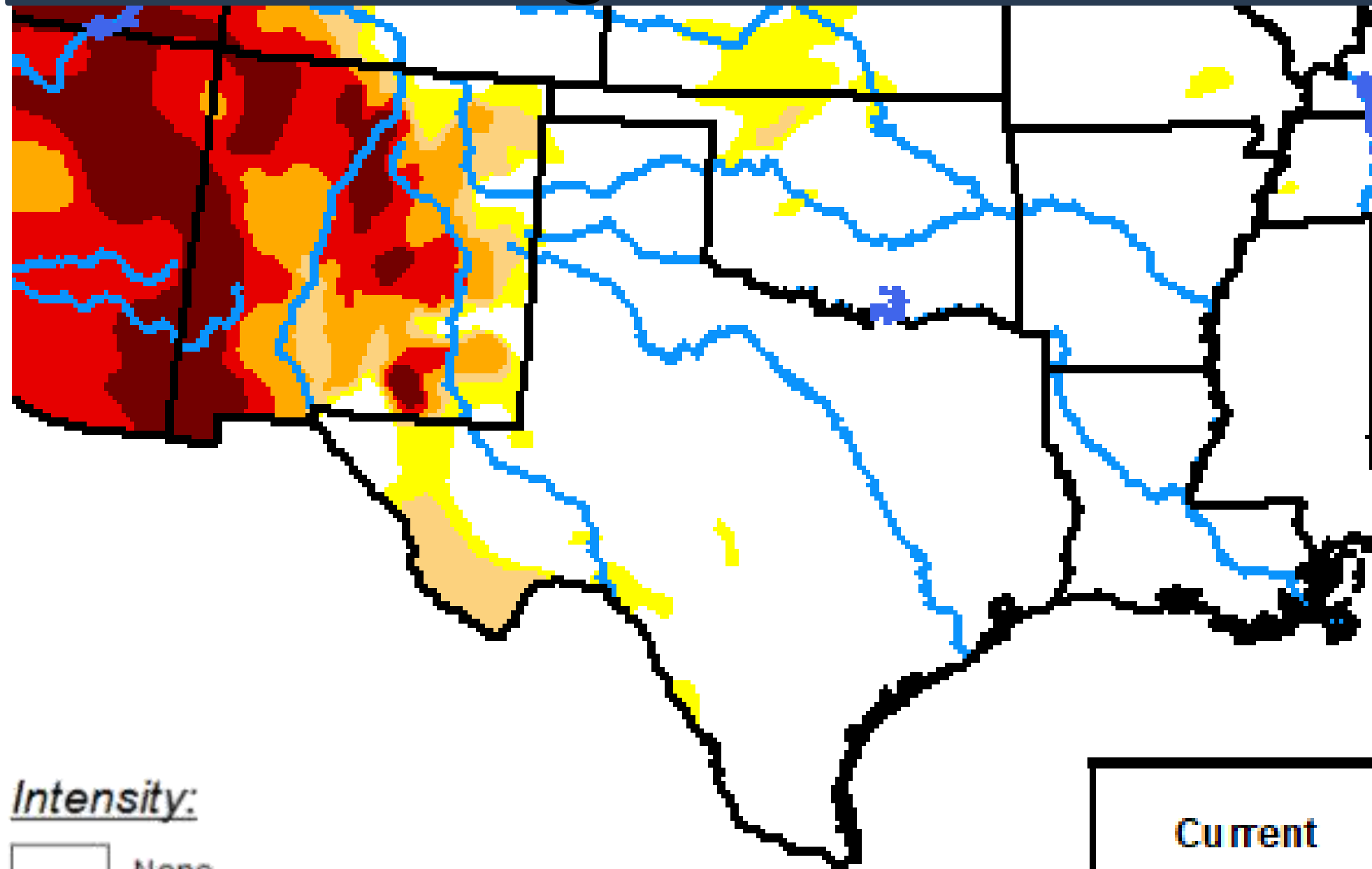
Drought Monitor (Released Jul 22, 2021)



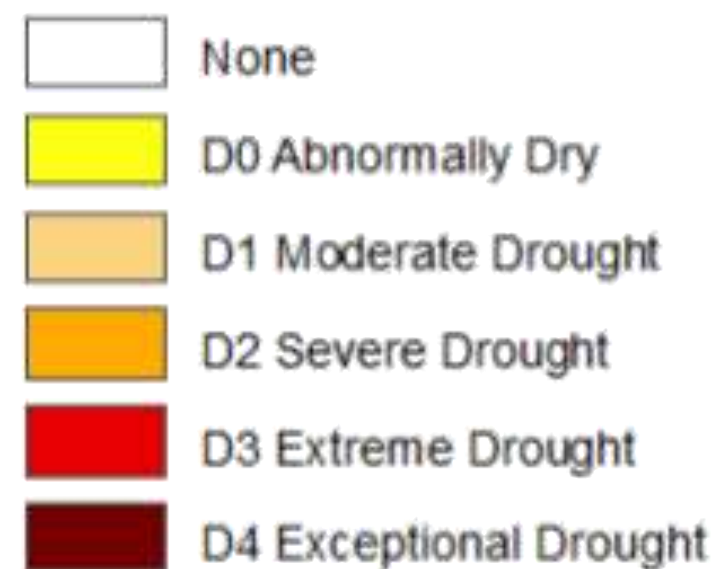
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Data valid as of 8 am ET on Tuesday, July 20, 2021

Drought Monitor

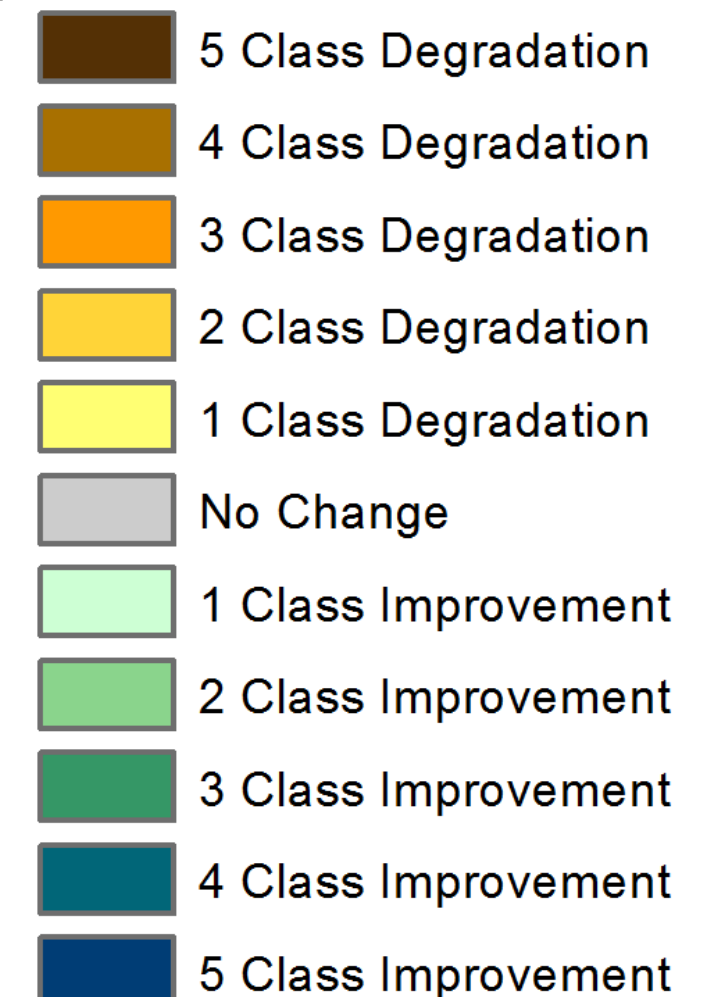
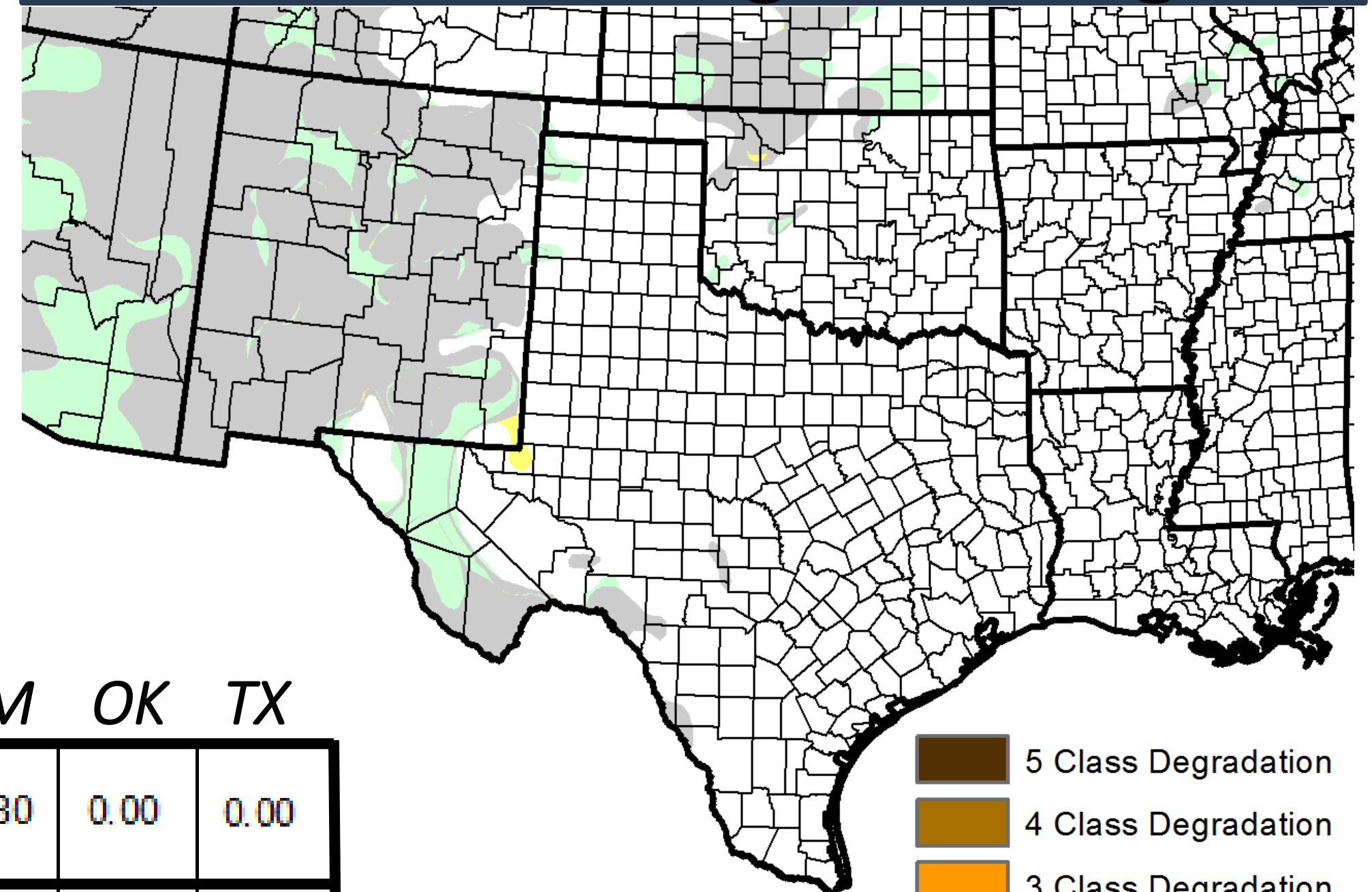


Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

One Week Change in Drought



	AR	LA	NM	OK	TX
Current	0.00	0.00	44.80	0.00	0.00
Last Week 07-13-2021	0.00	0.00	46.81	0.00	0.00
3 Months Ago 04-20-2021	0.00	0.00	79.88	0.08	24.06
One Year Ago 07-21-2020	0.00	0.00	11.85	2.98	2.84

Drought Conditions (Percent Area)

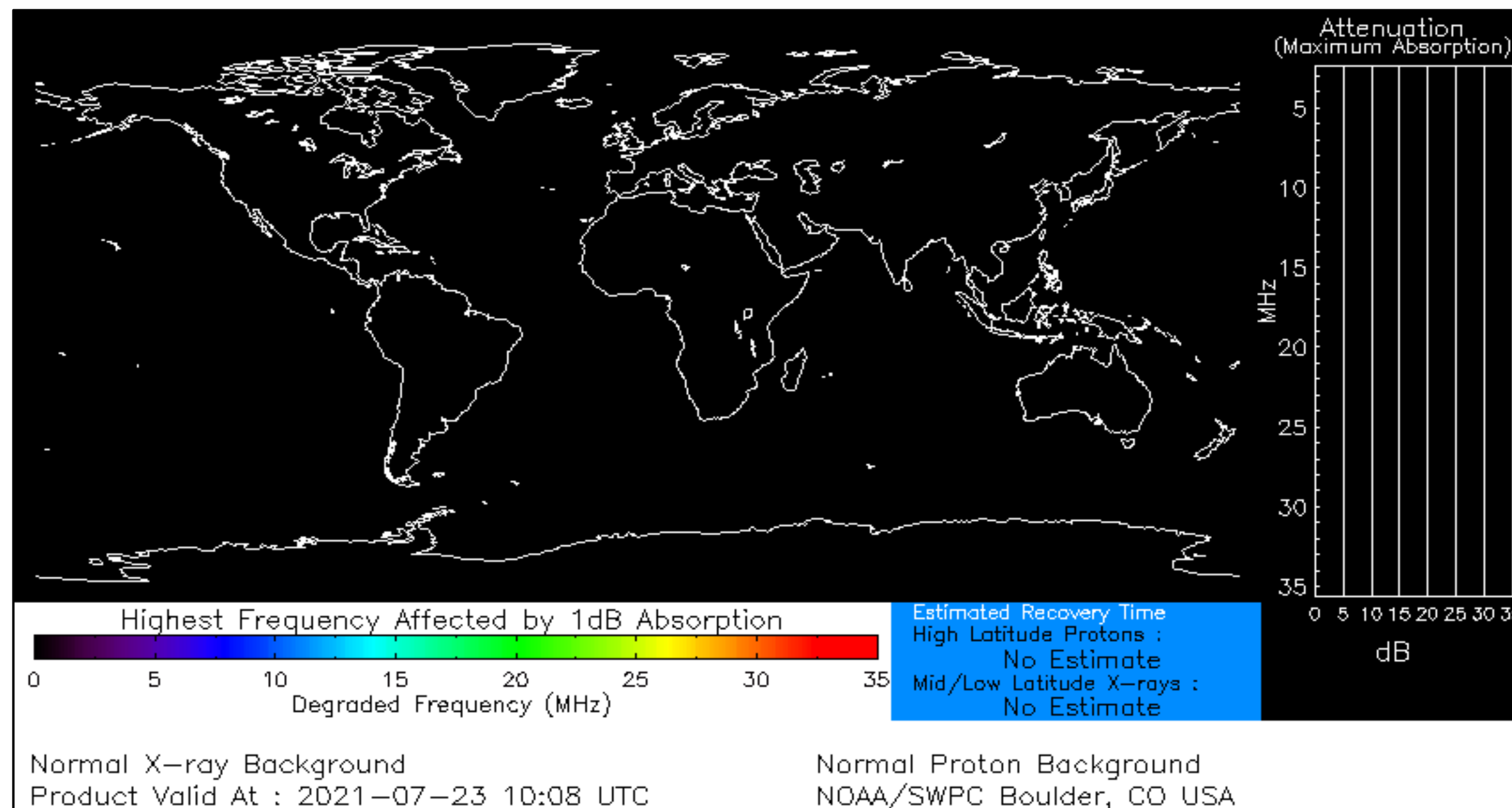
D3-D4 (Extreme to Exceptional Drought)

Space Weather 3-Day Forecast



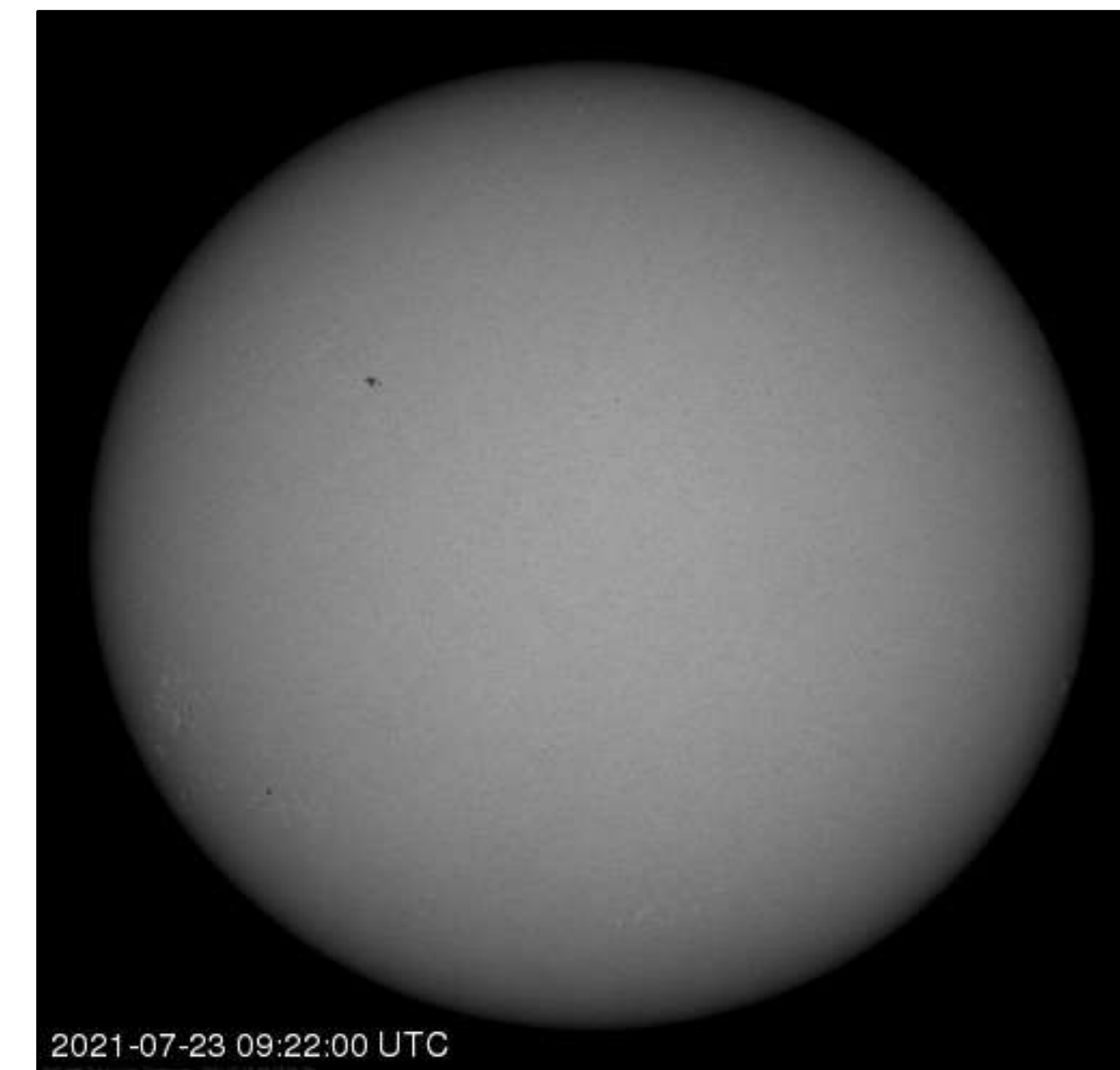
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	Friday	Saturday	Sunday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov